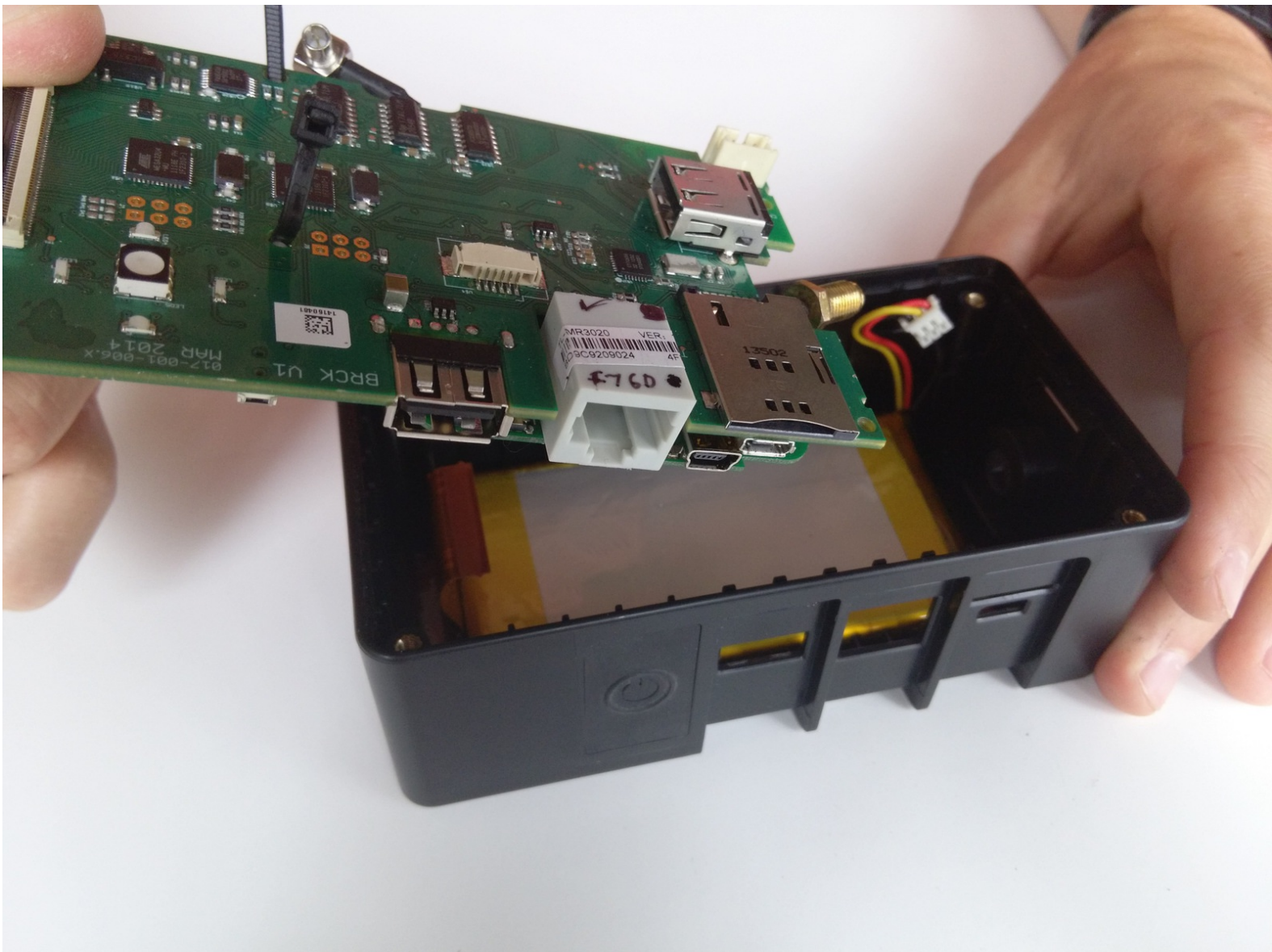




# BRCK v1 Motherboard Replacement

With this guide, you will be able to remove the motherboard and reveal the battery below. This allow you to replace the damaged motherboard and/or fix any physical connection problems to the motherboard.

Written By: Jeret Buerger



## INTRODUCTION

Using a hex 2.0 driver, you will remove the top cover. using a pair of tweezers, you will then be able to remove and replace the Brck Motherboard.

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### TOOLS:

- [Tweezers](#) (1)
  - [2 mm Hex Screwdriver](#) (1)
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## Step 1 — Antenna



- Stand the device on its side so the antenna is sitting on the top.

## Step 2



- Use the tweezers to grip the neck of the antenna(the part closest to the device).
- Use opposite hand to twist off the body of the antenna.

## Step 3 — Top Cover



- Place the face of the device showing BRCK face up.

## Step 4



- Remove the four screws(4mm hex head) on the corners of the device with a Hex 2.0 Screwdriver.



## Step 5



- Remove the top cover.

## Step 6 — Modem



- Cut the black zip tie holding the modem down.
- ⚠ **Caution** By cutting the zip tie, you void any manufacturer warranty you may have on the device.

## Step 7



- Remove the connection located on the edge of the modem.

## Step 8



- Slightly lift the modem to reveal the brown ribbon connector and metal connection plate, located on the bottom of the modem.



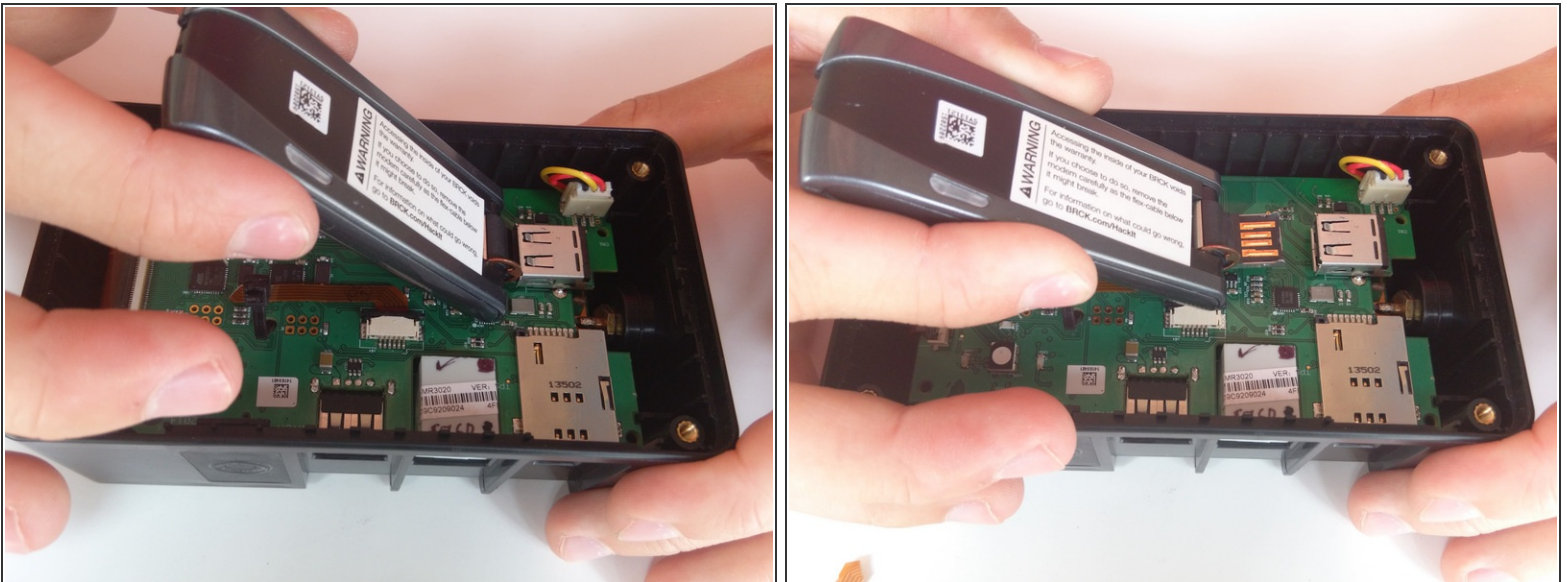
## Step 9



- Using your tweezers, gently push on the metal plate and slide it down toward the base of the modem to release the locking mechanism.
- Lower the plate and gently pull the ribbon out of the face plate.

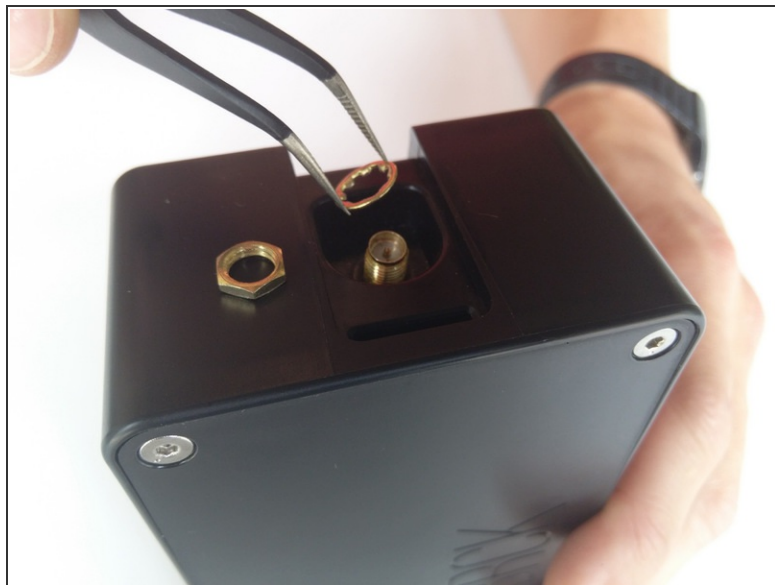
**⚠ Caution** Be extremely gentle while performing this step. The ribbon is brittle and prone to breaking if bent too much. Make sure you go slowly so that you do not damage the device.

## Step 10



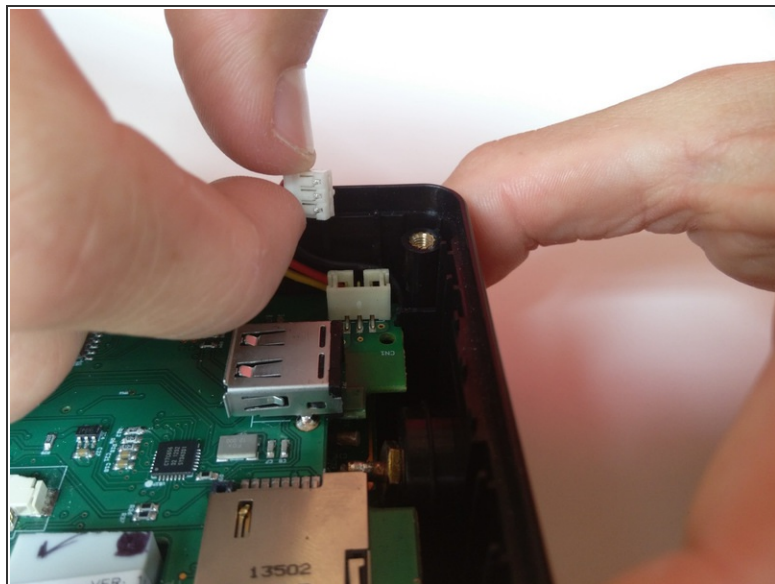
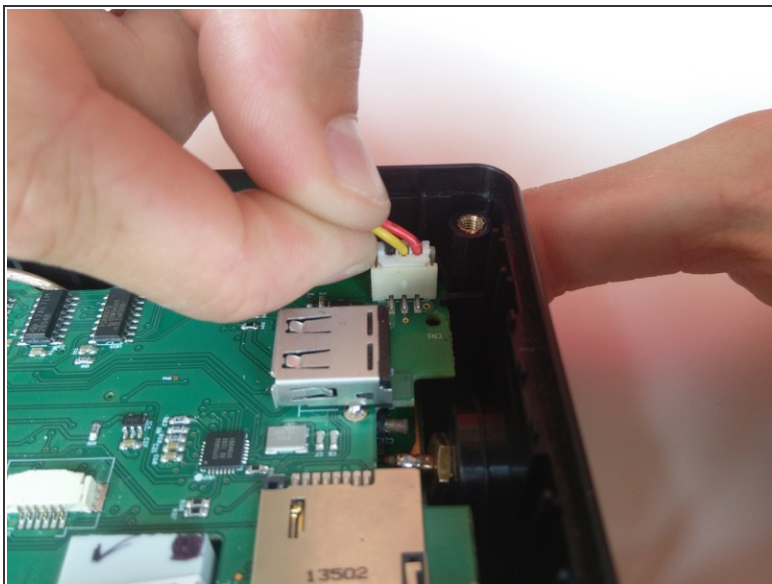
- Remove the modem from the device.

## Step 11 — Motherboard



- Remove the nut and washer from the RF connector, located where the antenna was connected.

## Step 12



- Unplug the red, black, and yellow wire connection by lifting up.



## Step 13



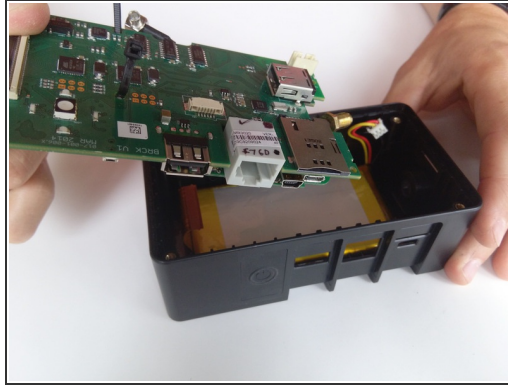
- Carefully insert tweezers under the black tab, and lift to release the clip.
- Slide the ribbon out from under the clip to free the motherboard.

## Step 14



- Remove outside rubber covers by lifting them out of place.

## Step 15



- Slowly lift the motherboard out from the device by lifting it from the end next to the ribbon connection.
- Lift and pull out of place.

To reassemble your device, follow these instructions in reverse order.

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